

Dual Extraction

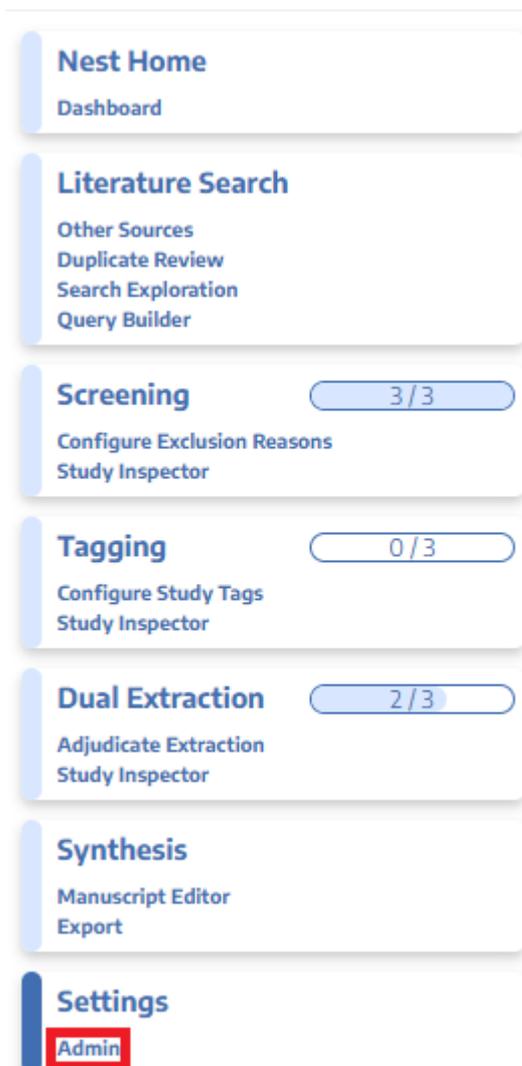
Dual Extraction is a quality-controlled extraction process, where two users independently extract data from each article, and then all data are adjudicated by an Administrator.

The Admin adjudicates any disagreement between Reviewer A and Reviewer B and sets the final determination for each study. For example, if Reviewer A extracts the mean age as 70 but Reviewer B extracts it as 71, the Adjudicator will then need to choose between those values and identify the correct one.

Only those with Admin privileges can serve as Adjudicators, but any user can serve as a Reviewer

This feature is useful to ensure that your team curates the most accurate and high quality data possible. Dual extraction can help with this since it has been shown that dual extraction results in fewer errors than single extraction. ([source](#))

Configure Dual Extraction



To configure dual extraction, go to the Admin page under settings and then scroll to the Extraction section. Then, toggle to dual extraction to turn this feature on.



 **Note:** Toggling back from Dual Extraction to Standard Extraction will ONLY save final adjudications, and **all data associated with non-final individual users' extractions will be lost!**

Dual Extraction Steps

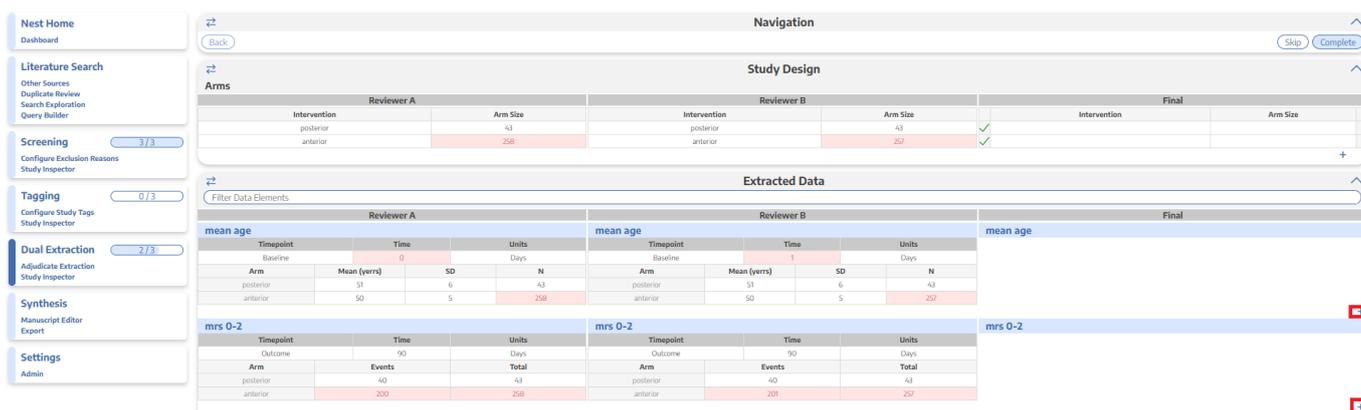
1. Turn on dual extraction in the Admin page
2. Two users must independently extract the data.

The software will automatically queue individual studies to users until at least two Extractions are Marked Complete.

If you need help with the Extraction process, check out [this page](#). Each study will appear in the Adjudicate Extraction queue only after two independent extractions are Marked Complete.

3. Adjudicate the data

Go to the Adjudicate Extraction page and review the data extracted by the two independent, underlying users.



The screenshot displays the 'Adjudicate Extraction' interface. It features a navigation sidebar on the left with sections like 'Nest Home', 'Literature Search', 'Screening', 'Tagging', 'Dual Extraction', 'Synthesis', and 'Settings'. The main content area is titled 'Study Design' and 'Arms'. It shows a table comparing data from Reviewer A, Reviewer B, and Final adjudication. The 'Arms' table lists interventions (posterior, anterior) and arm sizes (43, 258, 257). The 'Extracted Data' section shows detailed metrics for 'mean age' and 'mrs 0-2' across different timepoints and arms. Discrepancies between Reviewer A and Reviewer B are highlighted in red, and the 'Final' column shows the adjudicated values.

Reviewer A		Reviewer B		Final	
Intervention	Arm Size	Intervention	Arm Size	Intervention	Arm Size
posterior	43	posterior	43	posterior	43
anterior	258	anterior	257	anterior	257

Reviewer A				Reviewer B				Final			
Timepoint	Time	Units		Timepoint	Time	Units		Timepoint	Time	Units	
Baseline	0	Days		Baseline	1	Days		Baseline	0	Days	
Arm	Mean (years)	SD	N	Arm	Mean (years)	SD	N	Arm	Mean (years)	SD	N
posterior	51	6	43	posterior	51	6	43	posterior	51	6	43
anterior	50	5	258	anterior	50	5	257	anterior	50	5	257

Reviewer A				Reviewer B				Final			
Timepoint	Time	Units		Timepoint	Time	Units		Timepoint	Time	Units	
Outcome	90	Days		Outcome	90	Days		Outcome	90	Days	
Arm	Events	Total		Arm	Events	Total		Arm	Events	Total	
posterior	40	43		posterior	40	43		posterior	40	43	
anterior	200	258		anterior	200	257		anterior	200	257	

Places where the Reviewers disagreed will be highlighted in red. There are three columns: Reviewer A, Reviewer B, and Final. The adjudicator will put the correct data in the Final column, adjudicating differences between the reviewers. The adjudicator can choose to input the same data as either of the reviewers or neither of them if they were both wrong. To enter in data, hit the plus sign and fill in the cells.

Navigation Back Skip Complete

Study Design

Arms

Intervention		Arm Size	Intervention		Arm Size	Intervention		Arm Size
posterior		43	posterior		43			
anterior		258	anterior		257	✓		

Extracted Data

Filter Data Elements

mean age				mean age				mean age			
Timepoint	Time	Units		Timepoint	Time	Units		Timepoint	Time	Units	
Baseline	0	Days		Baseline	1	Days		Baseline		Days	
Arm	Mean (yerrs)	SD	N	Arm	Mean (yerrs)	SD	N	Arm	Mean (yerrs)	SD	N
posterior	51	6	43	posterior	51	6	43	posterior			
anterior	50	5	258	anterior	50	5	257	anterior			

mrs 0-2				mrs 0-2				mrs 0-2			
Timepoint	Time	Units		Timepoint	Time	Units		Timepoint	Time	Units	
Outcome	90	Days		Outcome	90	Days		Outcome		Days	
Arm	Events	Total		Arm	Events	Total		Arm	Events	Total	
posterior	40	43		posterior	40	43		posterior			
anterior	200	258		anterior	201	257		anterior			



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